

Converting Colors

$Yxy(63.1640, 0.3611, 0.3675)$

Have a look what the booklet for
Yxy(63.1640, 0.3611, 0.3675)
contains.

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Color

Yxy(63.2061, 0.3613, 0.3681)

Conversions

Conversions Part 1

Format	Color
Hex	E8CCA9
RGB	232, 204, 169
RGB Percent	91%, 80%, 66%
CMY	0.0901, 0.2000, 0.3373
CMYK	0.00, 0.12, 0.27, 0.09
HSL	33°, 58%, 79%
HSV	33°, 27%, 91%
XYZ	62.0385, 63.2061, 46.4645
YIQ	208.3820, 27.9230, -4.9490

Conversions

Conversions Part 2

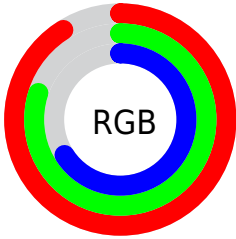
Format	Color
R _Y B	219, 232, 169
Decimal	15256745
CIE Lab	83.55, 4.62, 21.07
CIE LCh	84, 21.566, 77.620
Yxy	63.2061, 0.3613, 0.3681
Android (android.graphics.Color)	4293446825 (0xFFE8CCA9)
YUV	208.3820, -19.4153, 20.7130
Hunter-Lab	79.5023, 0.1610, 21.0000

Details

The Yxy color **63.2061, 0.3613, 0.3681** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.2060, 0.2690, 0.2864**, and the grayscale version is **63.4552, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **32.3272, 0.3735, 0.3771** is the 20% darker color. If you saturate the color by 10%, you get **57.6701, 0.3831, 0.3831**, and if you desaturate by 10%, it is **69.2274, 0.3416, 0.3532**.

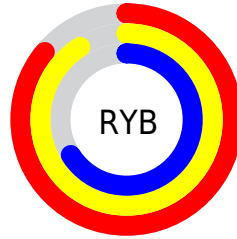
Distribution



Red (91%)

Green (80%)

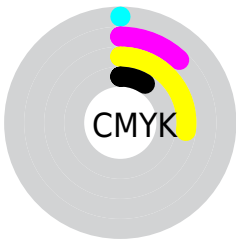
Blue (66%)



Red (86%)

Yellow (91%)

Blue (66%)

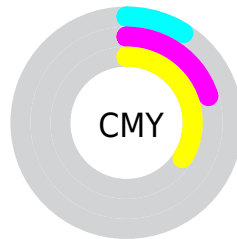


Cyan (0%)

Magenta (12%)

Yellow (27%)

Black (9%)



Cyan (9%)


Magenta (20%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.2061, 0.3613, 0.3681 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 63.2061, 0.3613, 0.3681 by changing the saturation by 10% instead.


 63.2061, 0.3613,
0.3681

 63.2061, 0.3613,
0.3681


436.3171, 0.3382,
0.3499

 46.0080, 0.3667,
0.3723


 109.4668, 0.3532,
0.3618

 32.2521, 0.3734,
0.3774


139.2981, 0.3501,
0.3593

 21.5541, 0.3820,
0.3839


174.1094, 0.3474,
0.3572

 13.5297, 0.3933,
0.3922

214.2848, 0.3451,
0.3553

 7.7943, 0.4088,
0.4034

260.2089, 0.3430,
0.3537

 3.9636, 0.4311,
0.4185

312.2661, 0.3412,

 1.6532, 0.4909,

0.3523

0.4640

370.8407, 0.3396,
0.3510

0.3931, 0.5531,
0.4469

0.0000, 0.0000,
0.0000

63.2061, 0.3613,
0.3681

63.2061, 0.3613,
0.3681

57.6701, 0.3831,
0.3831

69.2274, 0.3416,
0.3532

52.5964, 0.4068,
0.3974

75.7391, 0.3240,
0.3388

47.9725, 0.4318,
0.4101

82.7569, 0.3085,
0.3252

43.7819, 0.4571,
0.4200

89.8471, 0.2987,
0.3192

40.0064, 0.4814,
0.4259

95.8999, 0.2988,
0.3290

36.6258, 0.5033,
0.4267

33.6156, 0.5216,
0.4221

32.8203, 0.5264,
0.4202

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.2061, 0.3668, 0.3492



63.2061, 0.3613, 0.3681



63.2061, 0.3425, 0.3773

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.2061, 0.3613, 0.3681



63.2061, 0.2700, 0.3291



63.2061, 0.3073, 0.2899

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



63.2061, 0.3613, 0.3681



54.2060, 0.2690, 0.2864

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.2061, 0.2823, 0.2838



63.2061, 0.3613, 0.3681



63.2061, 0.2615, 0.3051

Square

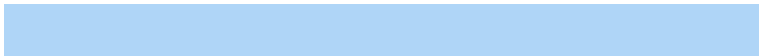
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.2061, 0.3613, 0.3681



63.2061, 0.2898, 0.3546



63.2061, 0.2658, 0.2889



63.2061, 0.3349, 0.3052

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.2061, 0.3613, 0.3681



63.2061, 0.3253, 0.3758



63.2061, 0.2658, 0.2889



63.2061, 0.2984, 0.2867

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



63.2090, 0.3613, 0.3681



93.1031, 0.3255, 0.3401



49.5828, 0.3454, 0.2973



19.6600, 0.3280, 0.3422



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.2090, 0.3613, 0.3681



74.1199, 0.3742, 0.3771



77.2285, 0.3514, 0.3973



15.6886, 0.3279, 0.3421



18.4715, 0.5242, 0.4220



1.5496, 0.5047, 0.4374

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



54.2060, 0.2690, 0.2864



61.1045, 0.2588, 0.2754



42.9903, 0.2678, 0.2513



14.9369, 0.2981, 0.3156



8.8807, 0.1723, 0.1403



0.8391, 0.1801, 0.1684

Previews

White Background



This preview shows how the Yxy color 63.2061, 0.3613, 0.3681 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 63.2061, 0.3613, 0.3681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

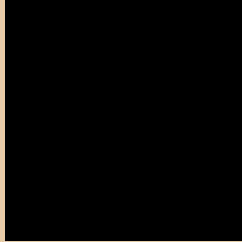
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.2061, 0.3613, 0.3681

Background



This preview shows how black text looks on a background with the Yxy color 63.2061, 0.3613, 0.3681.



This preview shows how white text looks on a background with the Yxy color 63.2061, 0.3613, 0.3681.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

63.2061, 0.3613, 0.3681

Protanopia

63.2677, 0.3489, 0.3715

Deuteranopia

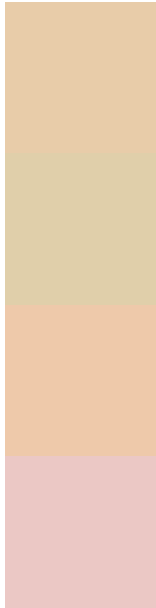
63.0881, 0.3700, 0.3617



Tritanopia

63.1968, 0.3324, 0.3130

Trichromacy



Original Color

63.2061, 0.3613, 0.3681

Protanomaly

63.3752, 0.3532, 0.3711

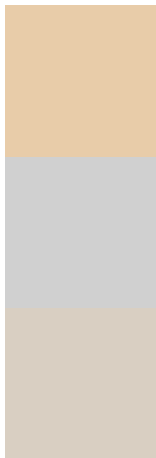
Deuteranomaly

62.8527, 0.3663, 0.3632

Tritanomaly

63.0019, 0.3429, 0.3324

Monochromacy



Original Color

63.2061, 0.3613, 0.3681

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.2724, 0.3297, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2061, 0.3613, 0.3681 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(232, 204, 169)` looks like.

```
.text, #text, p{  
    color:rgb(232, 204, 169)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(232, 204, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 204, 169) }
```

Border

The CSS property to change the border of an element to Yxy 63.2061, 0.3613, 0.3681 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(232, 204, 169) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(232, 204, 169) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(232, 204, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 204, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 204, 169);  
box-shadow:4px 4px 4px 4px rgb(232, 204,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2061, 0.3613, 0.3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 204, 169) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(232,  
204, 169) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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